OPERATORS NAME:	Primal Energy Corporation
LEASE NAME AND WELL NUMBER:	Wimberly #7
LOCATION:	1,980' FNL & 990' FEL, Sec. 11, T24S, R32E
FIELD NAME:	Double X Delaware
COUNTY/STATE:	Lea County, NM
LEASE NUMBER:	NM-02889

The following information is to supplement BLM Form 3160-3, "Application for Permit to Drill," in accordance with Onshore Oil and Gas Order No. 1:

9 – POINT DRILLING PLAN

1. Name and estimated top of important geologic formation/marker horizons.

FORMATION	DEPTH
Top Salt	4,060'
Base Salt	4,640'
Delaware Lime	4,900'
Ramsey Sand	4,950'

2. Estimated depths at which the top and bottom of formations potentially containing usable water, oil, gas, or prospectively valuable deposits of other minerals are expected to be encountered and the Operator's plans for protecting such resources.

Ramsey Sand 4,950'(Oil)

3. The operator's minimum specifications for Blowout Preventer (BOP) and related equipment to be used, schematic diagrams thereof showing sizes and pressure ratings, and the testing procedures and

testing frequency. Bop and BOP-related equipment (BOPE) shall include schematics of choke manifold equipment. Accumulator systems and remote controls shall be utilized.

a. An 11" 3M BOP stack will be installed on the 8 5/8" surface casing. The BOP stack will consist of one blind ram BOP and one pipe ram BOP with insert to fit the size pipe in use.

b. The casing and BOPE will be tested to 1,000 psig which does not exceed 70% of the burst pressure of the casing. This test will be performed before drilling the 8 5/8" casing shoe. Subsequent testing will also be performed pursuant to BLM regulations.

4. The proposed casing program including size, grade, weight, type of thread and coupling, and the setting depth of each string and its condition (new or acceptably reconditioned). For exploratory wells, or for wells as otherwise specified by the authorized officer, the operator shall include the minimum design factors for tension, burst, and collapse that are incorporated into the casing design. In cases where tapered casing strings are utilized, the operator shall also include setting depths of each portion.

a. Surface casing- 8 5/8", 24 ppf, J-55, STC in 12 ¼" hole. Set at 450'.

b. Production casing- 5 ½", 15.5 ppf, J-55, STC in 7 7/8" hole. Set at 5,100'.

5. The amount and type(s) of cement, including anticipated additives to be used in setting each casing string, shall be described. If stage cementing techniques are to be employed, the setting depth of the stage collars and amount and type of cement, including additives, and preflush amounts to be used in each stage, shall be given. The expected linear fill-up of each cemented string, or each stage when utilizing stage-cementing techniques, shall also be given.

a. Surface casing- 8 5/8" in 12 ¼' hole at 450'- 300 sxs. Class C + 2% $CaCl_2$. Circulate to surface.

b. Production casing-5 ½" in 7 7/8" hole at 5,100'- 200 sxs. C+ 3% KCl + 0.2% SM

6. The anticipated characteristics, additives, use, and testing of drilling mud to be employed, along with the types and quantities of mud products to be maintained, shall be given. When air or gas drilling is proposed, the operator shall submit the specific information.

Mud Program:
0-450' freshwater, gel and lime system. MW 8.6-8.8 ppg.
450-5,100' brine, caustic soda, starch and MF-55. MW 9.8-10.1 ppg.

7. The anticipated testing, logging, and coring procedures to be used, including drill stem testing procedures, equipment, and safety measures.

a. DST Program: None anticipated.

b. Coring: None anticipated.

c. Mud Logging: None

d. Logging: No logs in surface hole. Dual Lateral & Density/Neutron Porosity Logs at TD.

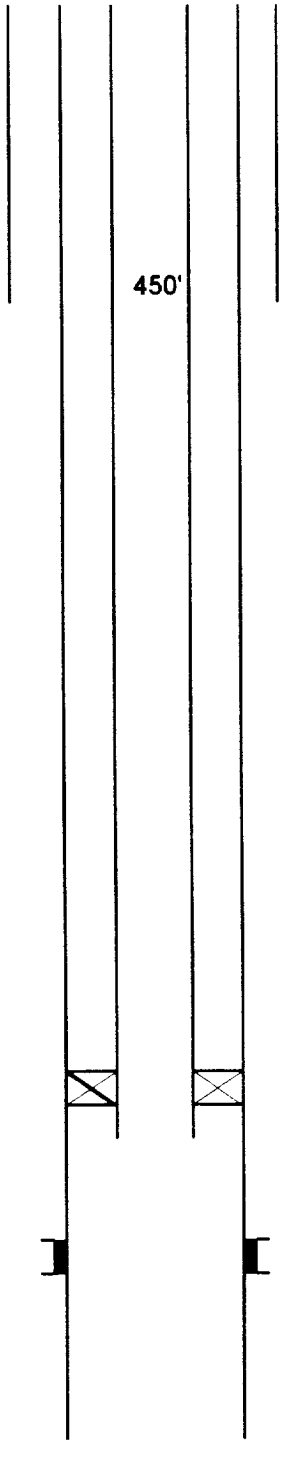
8. The expected bottom-hole pressure and any anticipated abnormal pressures, temperatures or potential hazards that are expected to be encountered, such as lost circulation zones and hydrogen sulfide. The operator's plans for mitigating such hazards shall be discussed. Should the potential to encounter hydrogen sulfide exist, the mitigation procedures shall comply with the provisions of Onshore Oil and Gas Order No. 6.

No abnormal pressures are anticipated. Bottom hole pressure at TD is expected to be 1,800 psig. Bottom hole temperature is 115 °F. No hydrogen sulfide is anticipated. Lost circulation could occur and will be controlled by the addition of paper to the mud.

9. Any other facets of the proposed operation which the operator wishes for BLM to consider in reviewing the application.

Anticipated drilling time expected to be 7 days from spud to casing point.

Wimberly #7
Lea Co., NM
Wellbore Schematic



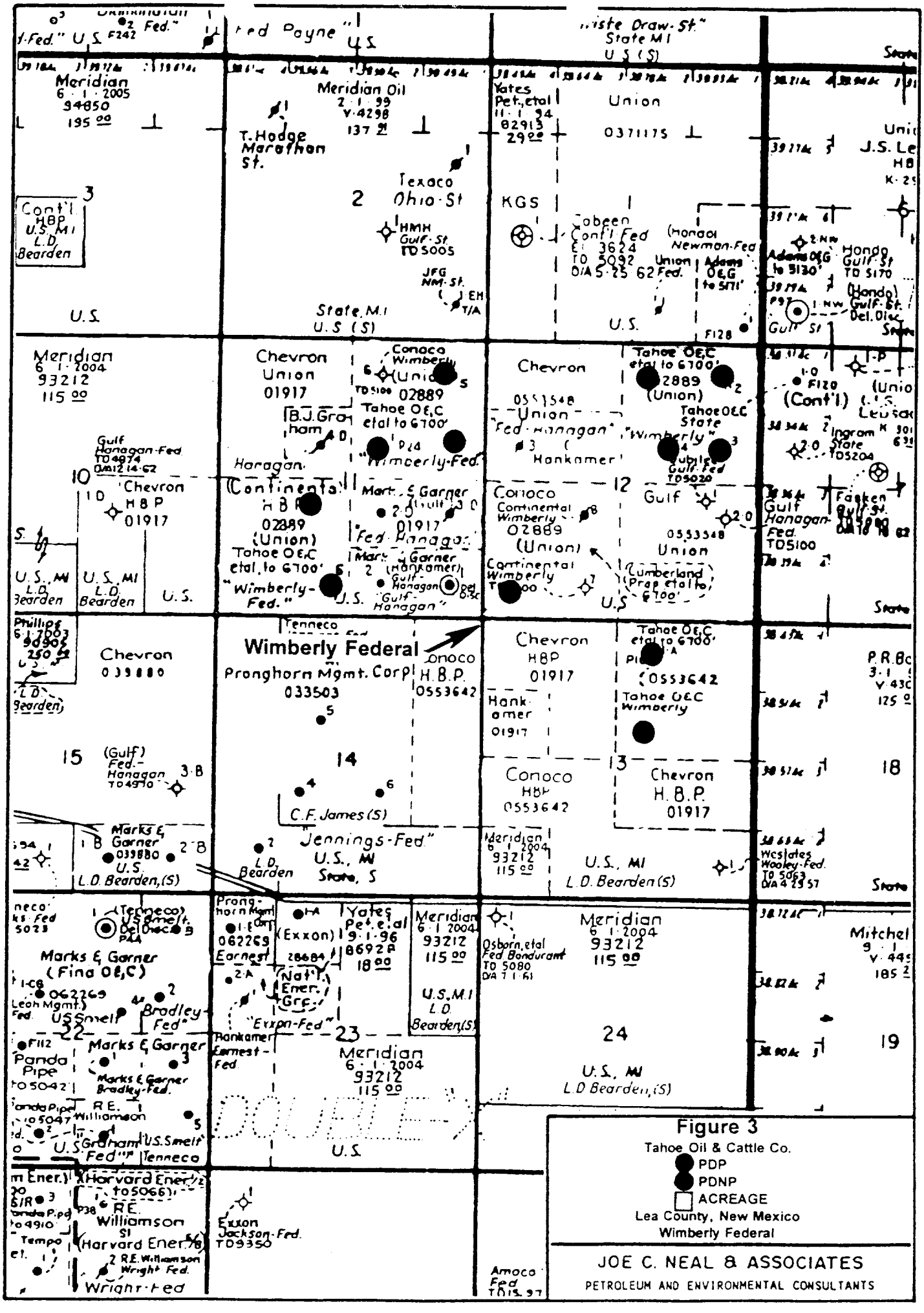
450'

8 5/8", 24ppf, J-55 set in 12 1/4" hole.
Cmt'd to surface w/300 sx.

2 3/8", 4.7ppf, J-55 tubing w/anchor TBD

Prod. perfs. TBD

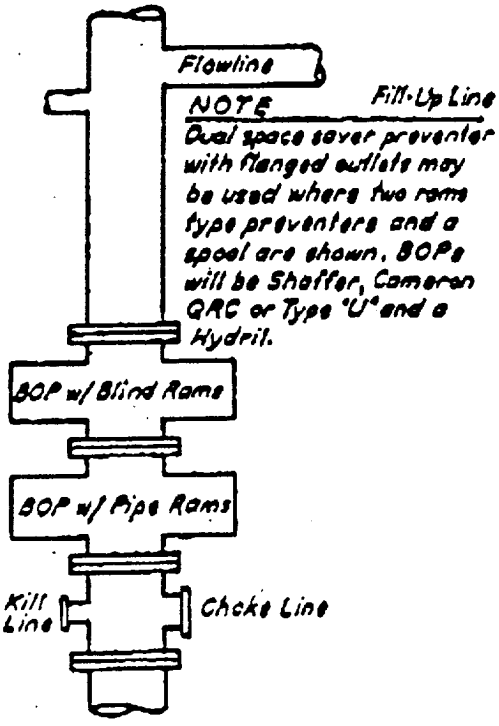
5 1/2", 15.5ppf, J-55 set in 7 7/8" hole.
Cmt'd w/ 200sx.


Wimberly Federal
Pronghorn Mgmt. Corp
033503
14
C.F. James (S)
Jennings-Fed"
U.S., MI
State, S
L.D. Bearden
Tenneco
Conoco H.B.P.
0553642
Chevron
039880
15
(Gulf) Fed.-Hanagan
TD 4970
Marks & Garner
039880
U.S.
L.D. Bearden, (S)
Chevron
H B P
01917
Hankamer
01917
Tahoe O&C etal to 6700'
0553642
Tahoe O&C Wimberly
Conoco
H B P
0553642
13
Chevron
H.B.P.
01917
Meridian
6-1-2004
93212
115 00
U.S., MI
L.D. Bearden (S)
Wcs Yates Wooley-Fed.
TD 5063
D/A 4-25-57
State
18
19
24
U.S., MI
L.D. Bearden, (S)
Osborn, etal
Fed Bondurant
TD 5080
D/A 7-1-61
Meridian
6-1-2004
93212
115 00
U.S.M.I
L.D.
Bearden (S)
Yates Pet. etal
9-1-96
8692 P
18 00
(Exxon)
Nat'l. Ener. Grp.
"Exxon-Fed"
Hankamer
Earnest-Fed
Prong-horn Mgmt Corp
0622769
Earnest
Marks & Garner
(Fina O&C)
0622769
Leah Mgmt.)
Fed.
US Smelt
Bradley-Fed"
22
23
Marks & Garner
Marks & Garner Bradley-Fed.
Panda Pipe
TD 5042
Panda Pipe
TD 5047
R.E. Williamson
U.S. Graham Fed"
U.S. Smelt
Tenneco
DOUBLED
U.S.
Harvard Ener.
TD 5066
R.E. Williamson
SI
(Harvard Ener.)
R.E. Williamson Wright Fed.
Wright-Fed
Exxon Jackson-Fed.
TD 9350
Amoco Fed
THIS 97
Chevron
Union
01917
Conoco Wimberly
(Union)
02889
TD 5100
B.J. Graham
Tahoe O&C etal to 6700'
"Wimberly-Fed."
Hanagan
Continental
H B P
02889
(Union)
Tahoe O&C etal to 6700'
"Wimberly-Fed."
Marks & Garner
01917
Fed Hanagan
Marks & Garner
(Hankamer)
Gulf-Hanagan
U.S.
Gulf Hanagan-Fed
TD 4974
D/A 12-14-62
10
Chevron
H B P
01917
U.S., MI
L.D.
Bearden
U.S., MI
L.D.
Bearden
U.S.
Meridian
6-1-2004
93212
115 00
Phillips
6-1-2003
93505
250 00
Chevron
039880
L.D. Bearden
Meridian Oil
2-1-99
V-4298
137 21
T. Hodge
Marathon
St.
Texaco
2
Ohio-St
HMH
Gulf-St.
TD 5005
JFG
NM-St.
EH
T/A
State, M.I
U.S. (S)
U.S.
Meridian
6-1-2005
94850
195 00
Cont'l
H&P
U.S. M.I
L.D.
Bearden
3
U.S.
Yates
Pet., etal
11-1-94
82913
29 00
KGS
Union
0371175
Cobeen
Cont'l Fed
E 3624
TD 5092
D/A 5-25-62
Union Fed.
(Hondo)
Newman-Fed
Adams O&G
to 5711'
Adams O&G
to 5130'
U.S.
F128
Hondo
Gulf-St.
TD 5170
(Hondo)
Gulf-St.
Del. Dis.
Gulf St
(Cont'l)
Ingram
State
TD 5204
Gulf
Hanagan-Fed.
TD 5100
Gulf
0553548
Union
Cumberland
(Prop etal to
6700'
Continental
Wimberly
02889
(Union)
Continental
Wimberly
TD 5100
U.S.
Chevron
0553548
Union
"Fed Hanagan"
3
(Hankamer)
Tahoe O&C
"Wimberly"
Tahoe O&C
State
Gulf-Fed
TD 5020
2889
(Union)
Tahoe O&C
etal to 6700'
12
Gulf
Mitchel
185
Figure 3
Tahoe Oil & Cattle Co.
PDP
PDNP
ACREAGE
Lea County, New Mexico
Wimberly Federal
JOE C. NEAL & ASSOCIATES
PETROLEUM AND ENVIRONMENTAL CONSULTANTS

CAPSTAR DRILLING

301 BOYD, E
ALLEN, TEXAS 75002
(214) 727-8367

P. O. BOX 589
ALLEN, TEXAS 75002
In Texas (800) 442-5224



CASE I

BLOWOUT PREVENTER HOOKUP

3000# Working Pressure